

## CLAIMS

1. A field converter, which is capable of varying a surrounding space thereof into a state suitable for people, animals and plants  
5 by affecting such surrounding space, comprising,  
material pieces(1),  
said material pieces each having an external shape of an equilateral hexagonal prism, and said material pieces each having a hole(4) of  
an annular section penetrating through a base(3) and a top(2) thereof,  
10 an internal surface of said hole having a spiral groove(5),  
a material of said material piece being selected from the group consisting of austenitic stainless steel, martensitic stainless steel, platinum, gold, silver, titanium and diamond,  
said material pieces having been heat-treated,  
15 said material pieces being oriented in an arrangement such that the central axes(7) thereof (said central axes each is an axis which is parallel to six sides of said equilateral hexagonal prism and perpendicular to said base and said top thereof) are parallel to each other, and  
20 said arrangement being retained.
2. A field converter as defined in claim 1, wherein,  
said material pieces(1) have identical shape and identical size to each other,  
25 said hole(4) having a circular prism shape, a central axis of said hole(4) is identical with said central axis of said material piece(1),  
and  
said arrangement is one such that said bases(3) of said material pieces makes a plane and said sides of said material pieces are adjacent  
30 to each other.